AUTODOC CLUB

How to change CV joint on **VW CADDY IV Estate (SAB, SAJ)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
VW CADDY IV Estate (SAB, SAJ) 1.2 TSI, VW CADDY IV Estate (SAB, SAJ) 1.6

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Caddy III Van (2KA, 2KH, 2CA, 2CH) 2.0 SDI

REPLACEMENT: CV JOINT – VW CADDY IV ESTATE (SAB, SAJ). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 16
- Drive socket # 19
- Drive socket # 27
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Bush and bearing driver set
- Flat screwdriver
- Clic-R collar pliers
- Hammer
- CV joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: CV joint – VW CADDY IV Estate (SAB, SAJ). Tip from AUTODOC:

- The CV joint replacement procedure is identical for the left and right CV axles.
- Replace the CV joints of CV axles in pairs.
- Please note: all work on the car – VW CADDY IV Estate (SAB, SAJ) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the fastener of the driveshaft. Use a drive socket #27. Use a tap wrench.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.



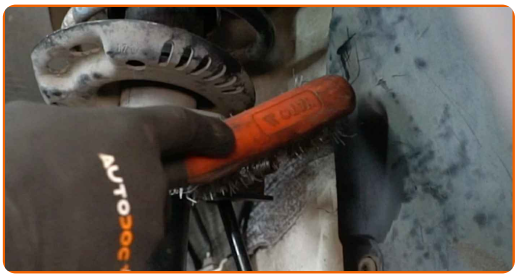
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW CADDY IV Estate (SAB, SAJ)

6 Remove the wheel.



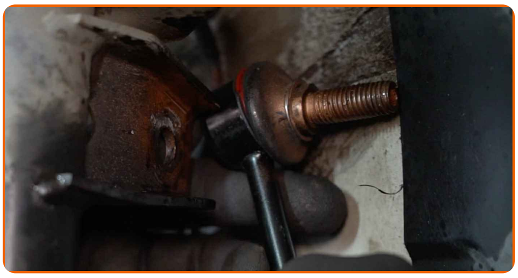
7 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



8 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a ratchet wrench.



9 Remove the stabilizer rod.



10 Remove the fastening bolt.

11 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



12 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a ratchet wrench.



13 Disconnect the spherical joint from the arm.



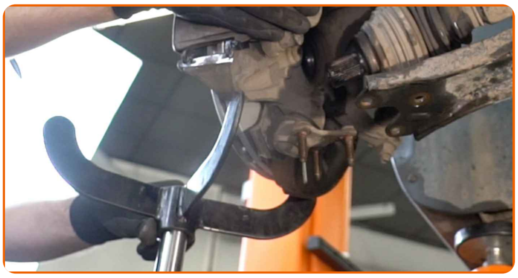
14 Detach the driveshaft from the steering knuckle.



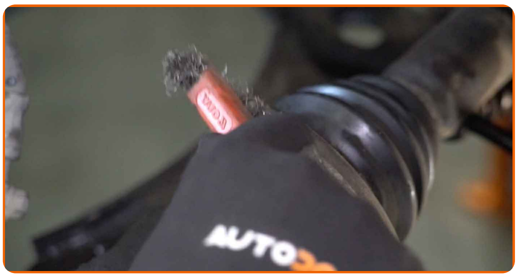
Replacement: CV joint – VW CADDY IV Estate (SAB, SAJ). Professionals recommend:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

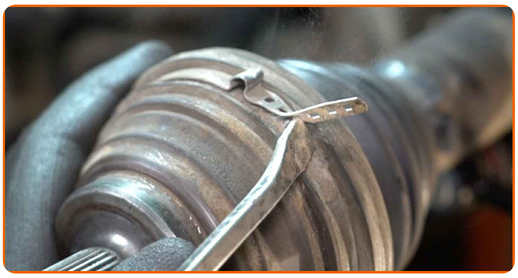
15 Prop up the steering knuckle. Use a hydraulic transmission jack.



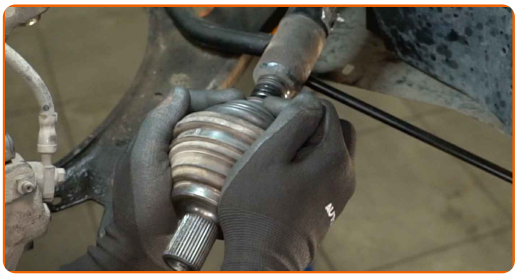
16 Clean the clamps of the CV joint boot. Use a wire brush. Use WD-40 spray.



17 Detach the clamps of the CV joint boot. Use a crowbar.



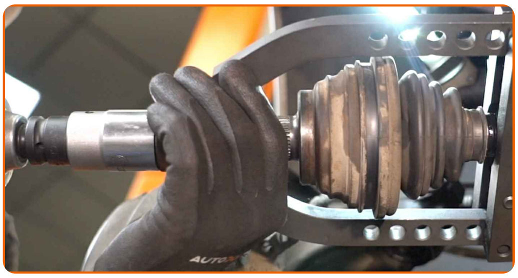
18 Detach the CV joint boot.



19 Attach the CV joint puller.

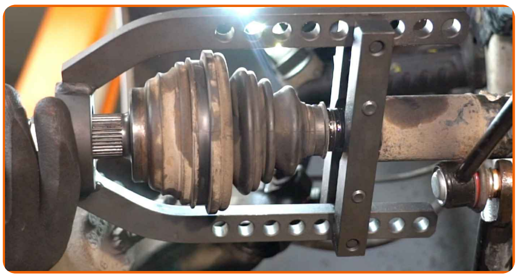


20 Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



21 Detach the CV joint. Use a CV joint puller.

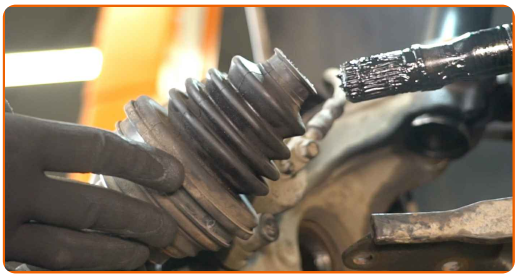
22 Unscrew the fastener connecting the drive shaft to the wheel hub.



23 Remove the fastening bolt.



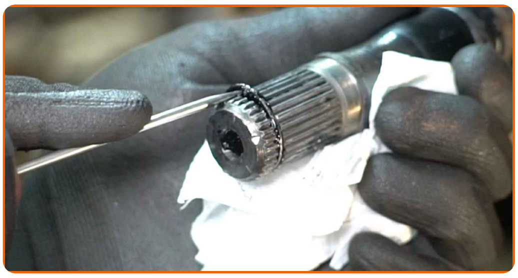
24 Remove the CV joint together with its boot.



25 Clean the CV joint mounting seat. Use all-purpose cleaning spray.



26 Remove the CV joint circlip. Use a flat screwdriver.



27 Clean the splines of the drive shaft CV joint. Use a wire brush. Use all-purpose cleaning spray.



28 Install the CV joint boot on the CV axle.



29 Install the CV joint circlip.



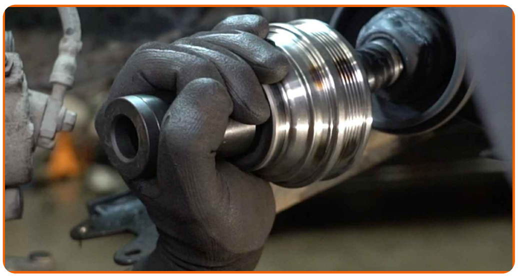
30 Pack the CV joint with the grease supplied in the kit.



31 Move the inner race of the new CV joint from side to side to get it ready to work.



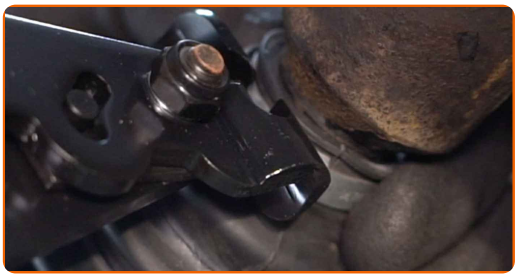
32 Install the new CV joint. Use a bush and bearing driver set. Use a hammer.



33 Install the boot on the CV joint.



34 Attach the clamps of the CV joint boot. Use a flat screwdriver. Use clic-R collar pliers. Use a hammer.



35 Treat the splines of the driveshaft CV joint. Use copper grease.



36 Clean the ball joint mounting seat. Use a wire brush. Use WD-40 spray.

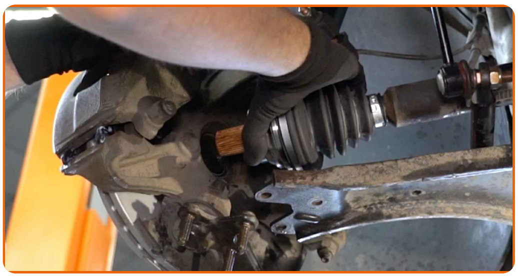


37 Remove the support from under the steering knuckle.

AUTODOC recommends:

- Replacement: CV joint – VW CADDY IV Estate (SAB, SAJ). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

38 Install the drive shaft.



39 Attach the ball joint to the control arm.



40 Screw in the fastener connecting the ball joint to the control arm. Use a drive socket #16. Use a ratchet wrench.



41 Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



42 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #16. Use a torque wrench. Tighten it to 60 Nm torque.



43 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.

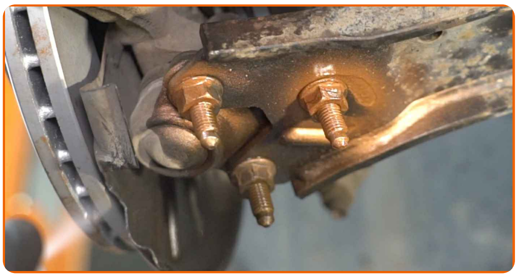


44 Install the transverse stabilizer link.

45 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 60 Nm torque.



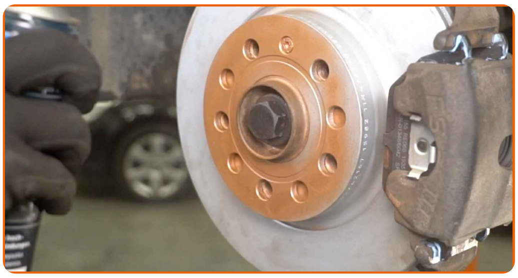
46 Treat the shock strut fasteners. Treat the fasteners of the ball joint. Treat all joints of the stabiliser link. Use copper grease.



47 Clean the wheel rim mounting seat. Use a wire brush.



48 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



49 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: CV joint – VW CADDY IV Estate (SAB, SAJ). After applying the spray, wait a few minutes.

50 Install the wheel.



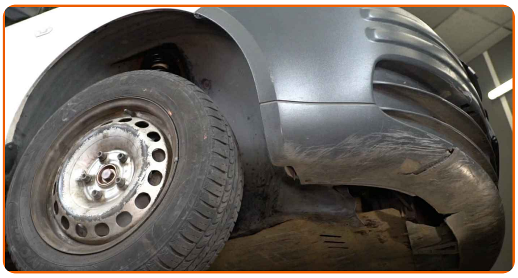
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW CADDY IV Estate (SAB, SAJ)

51 Screw in the wheel bolts. Use wheel impact socket #17.



52 Lower the car.



53 Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a torque wrench. Tighten it to 200 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

54 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



55 Remove the jacks and chocks.



WELL DONE!

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